Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Perso Killed		Estimated Damage Property Crops	Character of Storm	May 1997		
NEW MEXICO Southeast											
Eddy County 23 W Carlsbad	06	1503MST			0	0		Hail (0.75)			
Eddy County 5 N Whites City	06	1537MST			0	0		Hail (0.75)			
Eddy County (Cnm)Carlsbad Arpt	06 Carlaha	1605MST d airport observer rep	out od 70 mm		0	0		Thunderstorm Wind (C	661)		
Lea County	Carisba	d airport observer rep	orted 70 mpr	winds.							
Lovington Eddy County	06	1627MST			0	0		Hail (0.75)			
Carlsbad Lea County	06	1659MST			0	0		Hail (0.75)			
3 N Hobbs Lea County	06	1710MST			0	0		Hail (0.75)			
7.2 NNW Hobbs to 6.5 NNW Hobbs	06	1809MST 1813MST	1	200	0	0	60K	Tornado (Fl)			
							the ESE produced a torn but with much of the for				
	Damage ranged from F0 on the southern end (probably from an RFD) to Fl damage in the heart of the tornado path. A damage survey discovered a highly convergent pattern to the debris path of the tomado. Damage ranged from travel trailers overturned, to mobile homes pushed from foundation and roof sections missing, to a barn that was levelled and unrecognizable. With temperatures in the lower 90s in dew points in the upper 50s to lower 60s there was plenty of buoyant energy for thunderstorm development in southeast New Mexico. Also an old frontal boundary was in the area to help focus the activity. Storms moved to the										
		d making for good rela					, I				
Lea County 2 N Tatum to .5 SE Taturn	08	1800MST 1810MST	2.5	60	0	0		Tornado (F0)			
	town, b	cell moving to the sou	eak. Eyewitne	sses said altho	ough there wa	s no conde	tum. The tornado reported ensation funnel, the wall c town.	lly came straight into loud above the dust			
Eddy County 25 NW Carlsbad	22	1546MST	2	80	0	0		Tornado (F0)			
	A non-s radar.	1600MST upercell storm produc	ed a small to	nado in open	country north	west of Car	rlsbad. The storm appeare	ed relatively weak on			
Lea County 2 S Hobbs	28	1455MST			0	0	27M	Hail (2.50)			
	over the 1/3 of to foot dee	southern parts of town wwn were stripped of the p in some areas.	n, hail up to t heir leaves, a	ennis ball size nd numerous l	was falling a nouses and car	long with s rs suffered	city of Hobbs. By the tim strong winds. Most of the damage. Streets had hail eather in Andrews, Winkl	trees over the southern stacked up over one			
Lea County					•		,	,			
5 NNE Eunice	28	1608MST			0	0	15K	Thunderstorm Wind			
Lea County							on its western flank. One of were blown from east to	of these cells had downbur west.	sting winds that		
4 W Hobbs	28	1855MST	0.3	50	0	0	20K	Tornado (F0)			
		1900MST						· · · /			
	Damage	occurred just west of	the Hobbs ci	ty limit where	RFD and torr	nadic wind	s were superimposed. The	e damage included a			
	15x20 f	t wooden roof taken o	off an old she	d, parts of two	other roofs d	lamaged, a	n awning from a trailer do	estroyed, a trailer pushed			
	3-4 feet	off its foundation, and	d two utility p	oles downed.	The tornado v	was sighted	d, and a faint trail of it cou	ild be traced in the			

Damage occurred just west of the Hobbs city limit where RFD and tornadic winds were superimposed. The damage included a 15x20 ft wooden roof taken off an old shed, parts of two other roofs damaged, an awning from a trailer destroyed, a trailer pushe 3-4 feet off its foundation, and two utility poles downed. The tornado was sighted, and a faint trail of it could be traced in the debris pattern upon inspection, but RFD winds occurred in the area as well with much of the debris blown in a divergent pattern. The storms from this day formed in a northwest flow with a Lifted Index in the -8 to -10 range. Afternoon temperatures were in the mid 80s with dew points in the upper 50s. The most notable feature of this day was the strong directional shear with low-level winds from the ESE at about 20 kt through the lowest 3000 feet and mid to upper-level winds from the northwest at over 40 kt. A weak layer of winds at about 7 4 0k ft MSL may have kept the environment from producing more (and stronger) supercells.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed	ns	Estima Dama Property	ted age Crops	May 1 Character of Storm	1997
NEW MEXICO Southeas	<u>t</u>									
	the mid 8 winds fro	ns from this day forme 0s with dew points in m the ESE at about 20 er of winds at about 7	the upper 50s) kt through th	. The most not ne lowest 3000	able feature of feet and mic	of this day I to upper-	was the strong level winds fro	directiona om the nortl	shear with low-level awest at aver 40 kt. A	
Lea County	·			, ,						
Eunice	arriving a	1748MST in developed along an it Eunice the cell stopp part of this area branch	ed and grew	into a large mu	ılticell comp	lex that co				
Lea County										
Jal	29	1842MST			0	0			Hail (0.75)	
	The south	hern end of the large o	omplex head	ed toward the	southeast tov	vard Jal. T	he cell that pas	sed over Ja	l weakened as it came into town.	
	point tem	-	lower to mid	60s with temp	eratures in th	e lower 90	Os. An outflow		ally found for this time in the year. nat had moved through the Lubbook	
TEXAS West										
Pecos County										
Ft Stockton Gaines County	07	1645CST			0	0			Hail (0.75)	
3 NE Higginbotham				_			-	_	Hail (1.75) the southern parts of as it intensified into a	
Scurry County		eraster.								
Snyder	08	1815CST			0	0			Hail (1.00)	
Shyder			a tha aald fuor				Country		11411 (1.00)	
	Anothers	torm that formed alor	ig the cold fro	mi and moved	southward if	no Scurry	County.			
Gaines Comity										
9 W Seminole	08 The Higg damaged	1824CST ginbotham storm bega	n to move sou	thward and dr	0 opped hail in	0 the Payne	es Corner area.	1 M Cotton in t	Hail (1.75) ne area was heavily	
Scurry County 6 NW Snyder	08	1845CST			0	0			Hail (1.00)	
Andrews County 10 NNW Andrews	08	1926CST 1931CST	0.8	100	0	0			Tornado (Fl)	
	This store	formed about 4.5 mile m entered from Gaine endence on the front f	s County and	became a supe		•				
Gaines County										
13 NE Seminole	08	2025CST			0	0		300K	Hail (2.75)	
	A strong	storm moving over the	e frontal boun	dary to the no	rtheast in rur	al Gaines	County.			
Gaines County		5		•			•			
13 W Seagraves	08	2040CST			0	0	6K		Thunderstorm Wind	
13 w Seagraves		wn off a structure 1-2	miles east of	State Highway				tflow wind		
Gaines County										
Seagraves	08	2044CST			0	0	2.5M	500K	Hail (3.00)	

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Perse Killed		Estima Dama Property		May 1997 Character of Storm				
TEXAS, West													
	town as the dan	s well. Autos and roo mage was the worst in s that were moving ea	ofs of houses we assume that 20 years in States	vere smashed t eagraves. e Seagraves ar	by the large ha	il and accou	inted for much	of the dar	nomes. Power was knocked out around nage total. A local insurance agent said ving at Seagraves one				
Ector County 3 SW Odessa	08	veloped briefly into a 2345CST 2355CST	n HP Superce	II.	0	0	10K		Hail (2.75)				
Ector County 3 SW Odessa	08	2350CST			0	0	20K		Thunderstorm Wind				
	Hail up to baseball size and very heavy rains and high winds combined to cause problems in the southwestern parts of Odessa. A mobile home had its roof blown off by high winds, and windows were knocked out in several houses. Also hail was carried into low spots by running water and formed drifts that had to be scooped up by front-end loaders. Some street flooding was reported as well.												
	The storm came from a multicell cluster of showers moving eastward into the Permian Basin. As the cluster entered Ector County there was rapid intensification as the cluster intersected the southward moving cold front. An HP Supercell structure was noted briefly over southwestern Odessa that produced the large hail and high winds.												
	Dew po		re near 60 deg	rees with surfa	ace temperatur	es in the up	per 80s to low	er 90s. The	e mountains to help initiate deep convective observed MAF sounding from this evenion.				
Midland County	In Gain	nes County hail destro	oyed over 600	acres of cotto	on.								
3 SSE Midland	14	1553CST 1610CST			0	0	30K		Hail (2.75)				
Midland County 5 SSE Midland	14	1610CST 1628CST			0	0			Hail (1.75)				
	over the storm. possibl	e southern sections of Spotters were concer	f the city. As intrating on the ted. The 88D i	ndicated on ra west side, but reflectivity gra	dar two inflow apparently the adient was stro	areas were dominant ungest on the	established updraft was on north side as	on the nort the north well. A m	nunderstorm developing h and west sides of the side as a wall cloud and esocyclone was never I reported.				
Gaines County 15 SE Seminole	14	1742CST			0	0			Hail (2.75)				
D		evere single cell storr cond from the east in			ıtflow boundaı	ry in southe	rn Gaines and	Dawson C	ounties. The storm that produced this hail				
Dawson County 5 E Patricia	14	1751CST			0	0			Hail (2.50)				
Andrews County	This st	orm was the eastern-	most in the lin	e in rural Daw	vson Co.								
25 WNW Andrews	14	1923CST			0	0			Hail (1.50)				
Martin County	This st	orm was the western	-most in the li	ne near the Ne	w Mexico stat	e line.							
Stanton	the foc		ent in Martin (County. The ch	naracter of the				Hail (0.75) boundary that served as aster of very small cells				
Howard County Luther	14	2106CST			0	0			Hail (0.88)				
Scurry County	The cel	ll that produced the h	ail in Luther v	vas on the nort	thern end of the	e cluster wi	th the cell ove	r Stanton.					
Fluvanna	14	1828CST			0	0			Hail (1.75)				

 $A storm \ that \ developed \ in \ Garza \ County \ moved \ southward \ into \ northwestern \ Scurry \ County \ where \ the \ golfball \ size \ hail \ fell \ at \ Fluvanna.$

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numl Per Killed	ber of sons Injured	Estir Da Property	nated mage Crops	Character of Storm	May 1997
Location	Date	Standard	(WIIICS)	(Tarus)	Kined	Injured	Troperty	Стора	Character of Storm	
TEXAS West										
Borden County										
13 E Gail	14	1940CST			0	0			Hail (0.75)	
Scurry County										
15 SW Snyder	14 The Flu	1956CST	l couthward alo	ng the Borden/	0 Scurry Coun	0	the Knapp o	mmunity	Hail (1.75)	
Mitchell County			i southward are	ing the Borden	•	•	the Khapp ex	Jiiiiiuiiity.		
10 SW Westbrook	14	2222CST			0	0	50K	40K	Hail (1.75)	
Mitchell County 4 S Colorado City	14	2240CST			0	0	70K	50K	Hail (1.75)	
Ector County										
7 S Odessa	15 The dr	1832CST	om west of Lub	hock extending	0 couthward t	0	anderson Sta	orms fired al	Hail (1.75) ong this area of focus	
	-	ate afternoon. Temp		-					ong tins area of focus	
Terrell County Dryden	19	1630CST			0	0			Hail (0.88)	
Drydell	A fast				Terrell Cou	nty. The fro	-	_	e Permian Basin during	
Presidio County	quickly	swept out of the are	ea that evening	as the storm co	ontinued to p	ress southw	ard.			
Presidio	20	1955CST			0	0			Hail (0.75)	
	were ac		of a frontal bou g intensity over	open country	ssed the Rio while riding	Grande near on the front	r Presidio wh	ere the hail	terrain. These storms fell. The storm appeared eakened as it	
Brewster County		-		•						
Marathon	20	2140CST 2330CST			0	0			Flash Flood	
	evenin	t upslope flow into t	uster of storms		_				t persisted into the I flooding. Water was	
Scurry County	22	1725 COT			0	0			H 11 (0.75)	
10 N Snyder	-	1725CST noptic setting include the trough in the mid	-	_		-			Hail (0.75) border. Storms formed fternoon.	
Upton County 19 NNE Mc Camey	24	1658CST			0	0			Hail (1.00)	
19 NNE Mc Camey	This st	orm developed near			Crane County	, moved to			nulticell severe storm as it	crossed Upton
Glasscock County	24	1750CST			0	0			He:1 (0.75)	
12 E Garden City Glasscock County	24	1750CST			U	U			Hail (0.75)	
12 E Garden City	24	1750CST		1 1 1 65	0	0		Gt1'	Thunderstorm Wind	(G61)
			-		-			-	nty line. The storm was m storms to the south.	
Scurry County	2.4	1750 CCT			0	0			H (1/0.75)	
6 W Snyder Scurry County	24	1759CST			0	0			Hail (0.75)	
Snyder	24	1811CST			0	0	10K		Thunderstorm Wind	
Mitchell County Colorado City	24	1853CST			0	0			Thunderstorm Wind	(G58)
Mitchell County										
Colorado City	24 Nickel	1900CST size hail fell in Colo	orado City while	e 67 mph wind	0 s were recore	0 ded at the lo	ocal radio sta	tion	Hail (0.88)	
	Permia develop Storms line (in	n Basin exploded in ped rapidly as it mov	to a line of seve wed into Scurry ins of New Mex Basin) were too	re storms as the County from Fixed and west To low to support	e boundary r Borden Coun 'exas and mo	noved into r ty. oved eastwar	rich moisture	. The line that	ew points near the dry	
Jeff Davis County	iuitiiei			•						
7 SSE Ft Davis	28 Multio	1428CST cell thunderstorms th	nat developed o	ver the higher t	0 errain of the	0 Davis Mou	ntains move	l to the south	Hail (1.00) east across Ft. Davis and	produced hail

southeast of town.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estim Dan Property		Character of Storm	May 1997	
TEXAS West											
Gaines County											
17 WNW Seminole	28	1610CST			0	0			Hail (1.75)		
	A smal	l single cell storm th	at briefly produ	iced golfball s	ize hail.						
Andrews County 25 WNW Andrews Andrews County	28	1617CST			0	0			Hail (0.75)		
25 WNW Andrews	28	1617CST			0	0			Thunderstorm Wind (G52)	
	Winds	gusting to 60 mph ar	d hail up to 3/4	inch blasted t	the area alon	g State High	way 176 in w	estern And	lrews County.		
Andrews County 25 SW Andrews	28	1859CST 1901CST	0.3	70	0	0			Tornado (F0)		
Winkler County	20	1001CST	1	70	0	0	101/2		Tornado (F0)		
21 NE Kermit	28	1901CST 1905CST	1	70	U	0	10K		Tornado (FU)		
	After pummelling Hobbs, NM with large hail, this storm went through a reorganization as it passed through much of Gaines and Andrews Counties, then once again attained its HP Supercell status in southwestern Andrews County. The storm produced a weak tornado in extreme southern Andrews County that crossed into Winkler County. Shortly after entering Winkler County the tornado crossed Highway 115 where a utility pole was downed. Branches from a mesquite bush were thrown in many directions by the tornado.										
Ward County	•	4004.000									
2 E Monahans	28 1921CST 0 0 Hail (1.75) Although this storm was beginning to fall apart it was still able to produce golfball size hail near Monahans. The storms from this day formed in a northwest flow with a Lifted Index in the -8 to -10 range. Afternoon temperatures were in the mid 80s with dew points in the upper 50s. The most notable feature of this day was the strong directional shear with low-level winds from the ESE at about 20 kt through the lowest 3000 feet and mid to upper-level winds from the northwest at over 40 kt. A weak layer of winds at about 74 0k ft MSL may have kept the environment from producing more (and stronger) supercells.										
Andrews County	weak to	iyer or winds at abou	t / Tok it WibL	шиу шиче кер	t the chivinon	ment from p	roducing mo	ie (una stro	nger) supercens.		
10 W Andrews	28	1620CST 1650CST			0	0			Hail (0.88)		
	A slowl Ector C	-	storm cluster ca	aused hail for a	a 30 minute j	period west o	f Andrews, t	hen proceed	ded south into northwest		
Andrews County 10 S Andrews	20	1810CST			0	0			He:1 (1.75)		
Ector County	28	1810CS1			U	U			Hail (1.75)		
Goldsmith	28	1835CST 1840CST			0	0			Hail (1.75)		
		ulticell cluster was c HP storm in eastern V	-	ne same time o	of the large H	IP Supercell	farther west.	This storm	was eventually absorbed		
Jeff Davis County	20	1220 GUT			0	0			H 3 (1.05)		
16 NNW Ft Davis	29	1330CST 1337CST			0	0			Hail (1.25)		
		erstorms developed in ald Observatory.	the higher teri	ain of the Dav	is Mountain	s and became	multicell se	vere, dropp	ing hail at the		
Pecos County	20	1555 CRT			0	0			11-11 (0.00)		
7 NW Ft Stockton	29 The sto	1555CST rm cluster that produ	ced hail in Jeff	Davis County	0 moved slow	0 alv to the east	t and droppe	1 more hail	Hail (0.88) near Fort Stockton. The		
		dissipated east of Fo		,							
Jeff Davis County 3 SSW Ft Davis	29	1600CST 1630CST			0	0	3K		Hail (2.75)		
	but luck This sto	storm hit the Village kily only 500 panes v	vere broken by	the hail. Much	of the hail v	was around g	olfball size,	out there wa	ver 83,000 glass panes, as some baseball size. pressive for a short time		
Reeves County	20	1650000				0			H-3 (0.75)		
10 W Toyah		1650CST ell storms that forme rd into richer moistur		Mountains in C	0 Culberson Co	0 ounty had a so	evere cell we	st of Toyah	Hail (0.75) as they moved		

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed		Estimated Damage Property		Character of Storm	May 1997
TEXAS West										
Martin County Three Leaugues	northern The stor	1845CST developed in Southwe Martin County where m turned 45 degrees to t half the speed of the	the hail was r the right of t	reported. This	storm became a	supercell v	with strong rota	ation on	its northwest flank.	
Andrews County										
Frankel City Andrews County	29	1933CST			0	0			Hail (0.75)	
Andrews	short lir	1947CST 2000CST rm that hit Eunice NM the of only about 20 mil Andrews County move	es in length, b	out had a distin	ct leading -edge	e reflectivity				
Borden County	unougn	7 marews county mo	71115 ut 25 50 1	npn oy the tin	ic it reached i ii	idi e w s.				
14 W Gail	29 2022CST 0 0 0 Hail (1.00) Quarter size hail was reported on the Dawson/Borden County line. This storm formed in southwestern Lynn County, moved southeast into Dawson County and became severe as it straddled the Dawson/Borden County line. The storm turned right for a short time and travelled almost straight south along the county line. Then after only a few miles of this motion began to move to the southeast again and weakened.									
Dawson County 15 E Lamesa	29 Daily sy time m t	2022CST nopsis: This event wa he year. In the Davis M the lower to mid 60s w	s characterize Iountains dew	point tempera	atures were in th	ne mi d to up	pper 50s. In the	e Permia	nn Basin dew points	
	early the	previous morning lay	across the are	ea from Centra	al Lea County in	nto Dawson	County.			